GLOBAL SERVER LOAD BALANCING

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Abstract of The Disclosure

A global server load balancing (GSLB) switch
serves as a proxy to an authoritative DNS communicates
with numerous site switches which are coupled to host

10 servers serving specific applications. The GSLB switch
receives from site switches operational information
regarding host servers within the site switches
neighborhood. When a client program requests a
resolution of a host name, the GSLB switch, acting as a

15 proxy of an authoritative DNS, returns one or more
ordered IP addresses for the host name. The IP
addresses are ordered using metrics that include the
information collected from the site switches. In one
instance, the GSLB switch places the address that is

20 deemed "best" at the top of the list.